

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>307267</b>	<b>FOR FURTHER ACTION</b> <span style="float: right; font-size: small;">see Form PCT/ISA/220 as well as, where applicable, item 5 below.</span>	
International application No. <b>PCT/EP2004/052753</b>	International filing date ( <i>day/month/year</i> ) <b>11/2/2004</b>	(Earliest) Priority Date ( <i>day/month/year</i> ) <b>12/9/2003</b>
Applicant <b>ROBERT BOSCH GMBH</b>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (see Box No. II)

3. ☐ **Unity of invention is lacking** (see Box No. III)

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. \_\_\_\_\_

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/EP2004/052753

Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ This opinion has been established on the basis of a translation from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).

2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

- ☐ a sequence listing  
☐ table(s) related to the sequence listing

b. format of material

- ☐ in written format  
☐ in computer readable form

c. time of filing/furnishing

- ☐ contained in the international application as filed.  
☐ filed together with the international application in computer readable form.  
☐ furnished subsequently to this Authority for the purposes of search.

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.  
PCT/EP2004/052753

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	_____	YES
	Claims	1,2 _____	NO
Inventive step (IS)	Claims	_____	YES
	Claims	3-6 _____	NO
Industrial applicability (IA)	Claims	1-6 _____	YES
	Claims	_____	NO

2. Citations and explanations:

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY  
(SUPPLEMENTARY SHEET)

International file number  
PCT/EP2004/052753

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Re Field V.

Background Information

1. In this report reference is made to the following documents:  
  
D1: US 2002/158740 A1 (PAUL MARK ALBERT ET AL) October 31, 2002 (2002-10-31)  
  
D2: WO 97/22981 A1 (HITACHI, LTD; HITACHI CAR ENGINEERING CO., LTD; KONDO, EIICHIRO; SUGIU) June 26, 1997 (1997-06-26)

Claim 1

2. The present Application does not meet the requirements of Article 33(1) PCT, because the object of Claim 1 is not novel as defined by Article 33(2) PCT.
3. D1 discloses an ignition coil of an ignition system in an internal combustion engine (D1, par. 0003), having a housing (D1, par. 0026, line 6: "case 34" ), a magnetic core (D1, par. 0026; lines 1 - 2), a first coil winding connected to a supply voltage, and a second coil winding (par. 0026, lines 3 - 4) connected to a high-voltage terminal, an electrically conductive component being provided, at least in some areas, with a means for electrically evening out its surface (par. 0028).

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Claims 2 - 6

4. In view of D1, dependent Claim 2 appears to contain no features which meet the requirements of PCT regarding inventive step.

5. In view of D1 and D2, dependent Claims 3 - 6 appear to contain no features which meet the requirements of PCT regarding inventive step.

Re Field VIII.

6. Claim 1 does not meet the requirements of Article 6 PCT, because the object of the patent application is not clearly defined. The claim attempts to define the object via the result to be achieved (electrically evening out of its surface); this only provides the object to be achieved without offering the technical features required for achieving this result.